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RECONDITIONING A TUTHILL KT850D ROTARY PISTON PUMP



BEFORE

AFTER

- Base repair quote supplied to customer prior to receiving the equipment
- Complete visual inspection and disassembly of rotary piston pump and components
 - Oil contaminated / Dirty
- Pictures of tear down taken and included in firm quote with detailed description of required repairs
- Firm quote submitted to customer for approval prior to continuance of work
- Complete mechanical and chemical cleaning of all internal components and external surfaces
 - Clean water jacket – replace water jacket gaskets
 - Ceramic coat two each Babbitt sear areas of shaft
- Installation of all new seals, bearings, gaskets, O-rings and vanes
 - Replace center slide pin and outer slide pins
 - Install new style valve plates
 - Replace oil pump, oil pump insert, oil pump inlet elbow and fittings
 - Replace temperature and oil pressure gauges
 - Replace check valve
- Set internal clearances to factory specs
- 60-minute test run of complete assembly with data acquisition program
- After break-in period has been met, system is helium leak-checked
- Copy of test data acquisition pump down curve included in shipping documents
- Prep, paint and palletize for shipment